

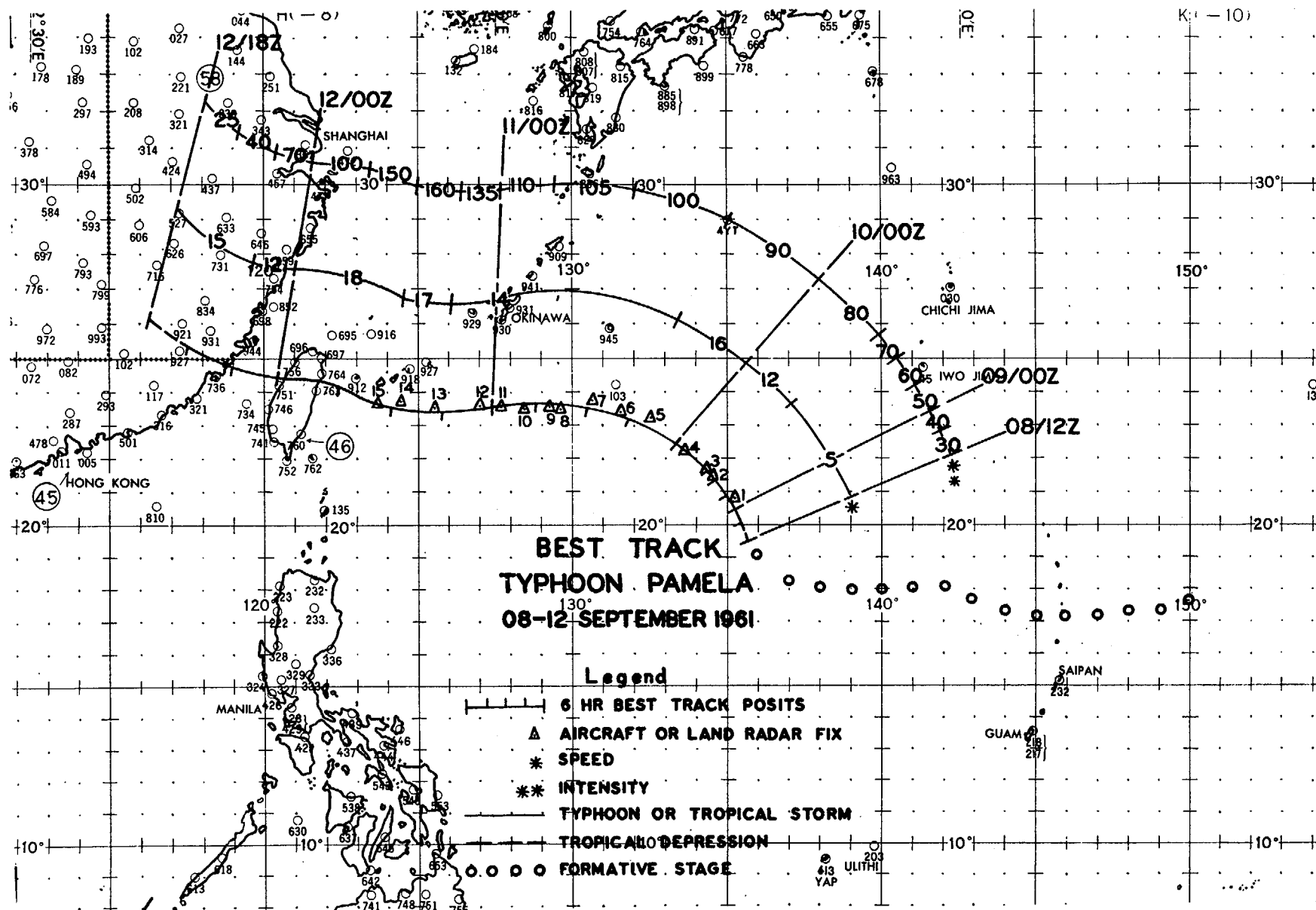
M. TYPHOON PAMELA (081200Z-121800Z SEPTEMBER 1961)

A WEAK CIRCULATION THAT WAS LATER TO BECOME TYPHOON PAMELA FIRST APPEARED ON 4 SEPTEMBER APPROXIMATELY 400 MI NE OF GUAM. IT MOVED SLOWLY W UNTIL 8 SEPTEMBER WHEN IT TURNED TOWARD THE NW AND BEGAN TO INTENSIFY. A TROPICAL DEPRESSION WARNING WAS ISSUED AT 081200Z AND A RECONNAISSANCE AIRCRAFT WAS DISPATCHED TO INVESTIGATE. BASED ON THE INFORMATION CONTAINED IN THE EYE MESSAGE REPORT, THE DEPRESSION WAS UPGRADED TO TROPICAL STORM INTENSITY ON THE 090600Z WARNING.

STARTING A GRADUAL TURN BACK TOWARD THE W, PAMELA CONTINUED TO INTENSIFY. THE FIRST TYPHOON WARNING WAS ISSUED AT 100000Z, HOWEVER, POST ANALYSIS INDICATES THAT PAMELA HAD ACTUALLY REACHED TYPHOON INTENSITY BY 091200Z. PROGRESSING ON A HEADING OF W, PAMELA PASSED 140 MI S OF OKINAWA AND CONTINUED STRAIGHT TOWARD CENTRAL TAIWAN. SHE REACHED HER MAXIMUM INTENSITY OF 160 KTS AT APPROXIMATELY 110900Z WHILE PASSING 65 MI S OF MIYAKO JIMA, THEN WEAKENED SLIGHTLY AND STARTED A SLIGHT DEFLECTION TO THE N. AS PAMELA APPROACHED TAIWAN, A TROUGH DEVELOPED S OF HER AND AT ABOUT 111600Z A LOW APPEARED IN THE TROUGH E OF THE ISLAND'S SOUTHERN TIP. THIS LOW REMAINED QUASI-STATIONARY AND PERSISTED UNTIL APPROXIMATELY 111200Z WHEN PAMELA ENTERED TAIWAN NEAR THE CITY OF KARENKO. THE TRANSIT ACROSS THE ISLAND'S 12,000 FT MOUNTAINS WEAKENED PAMELA TO SLIGHTLY LESS THAN 100 KTS INTENSITY AS SHE CROSSED INTO THE TAIWAN STRAITS. SHE ENTERED THE ASIATIC MAINLAND NEAR T'UNG-A AND CONTINUED STRAIGHT INLAND WEAKENING RAPIDLY. THE FINAL WARNING WAS ISSUED AT 121800Z.

EIGHTEEN WARNINGS WERE ISSUED ON PAMELA COVERING A PERIOD OF 4 DAYS AND 6 HOURS. SHE TRAVELED 1225 MI AT AN AVERAGE SPEED OF 12 KTS. THE MINIMUM SPEED WAS 5 KTS ON 8 AND 9 SEPTEMBER AND THE MAXIMUM SPEED WAS 18 KTS WHEN PAMELA WAS CROSSING TAIWAN.

TYPHOON PAMELA WAS THE 5TH TYPHOON TO STRIKE TAIWAN DURING THE YEAR; IT ALSO CREATED MORE DAMAGE THAN THE OTHERS. NINETY-EIGHT DEATHS, 27 PERSONS MISSING, AND 964 INJURED WERE REPORTED. FIFTY-TWO OF THE DEAD PERISHED AT YILAN, A FISHING PORT IN NORTHEAST TAIWAN. IT WAS ESTIMATED BY POLICE THAT 5,992 HOUSES COLLAPSED AND 12,995 WERE DAMAGED. AN ESTIMATED 50,000 PEOPLE WERE LEFT HOMELESS. DAMAGE WAS ESTIMATED TO BE IN EXCESS OF \$4,000,000 TO CROPS, LAND AND HOMES. DAMAGE TO THE ASIATIC MAINLAND WAS NOT AVAILABLE.



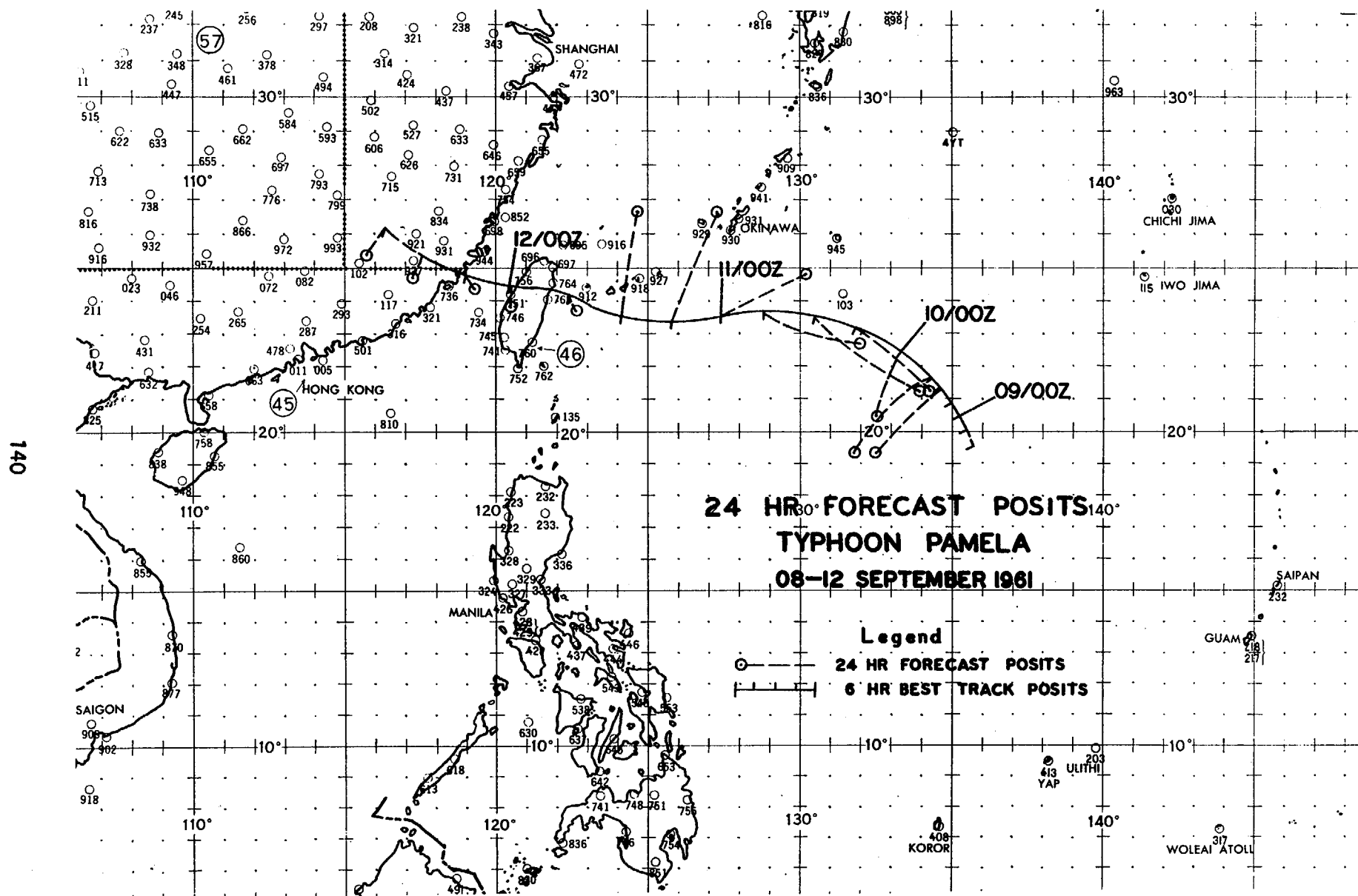
LAND RADAR AND AIRCRAFT FIXES - TYPHOON PAMELA

FIX NO.	TIME	LAT.	LONG.	UNIT METHOD & ACCY	MAX SFC WND	MAX 700MB WND	MIN 700MB HGT	MIN SLP MBS	700MB T/Td (°C)	EYE CHARACTERISTICS
1	090430Z	20.8N	135.2E	VW1-P-05	45	---	----	982	-----	DIA 23 MI SPIRAL BANDS ALL QUADS
2	091440Z	21.5N	134.6E	VW1-R-10	---	---	----	---	-----	CIRC WELL DEFINED 7 MI DIA
3	091903Z	21.7N	134.4E	VW1-R-15	---	---	----	---	-----	DIA 14 MI
4	092200Z	22.2N	133.7E	56-P-04	75	60	9340	970	15/13	DIA 10 MI
5	100330Z	23.1N	132.5E	56-P-03	55	51	9290	---	14/12	POORLY DEFINED CIRC 12 MI DIA
6	100700Z	23.4N	131.6E	56-P-04	90	80	9150	952	17/14	CIRC 18 MI DIA
7	101250Z	23.8N	130.8E	VW1-R-05	---	---	----	---	-----	DIA 17 MI OPEN W
8	101605Z	23.6N	129.7E	VW1-R-04	---	---	----	---	-----	DIA 13 MI WALL CLD 3 MI WIDE
9	101646Z	23.7N	129.3E	LND/RDR	---	---	----	---	-----	12 MI DIA
10	101930Z	23.6N	128.4E	LND/RDR	---	---	----	---	-----	-----
11	102200Z	23.7N	127.8E	56-P-05	100	80	8040	---	18/12	CIRC 8 MI DIA WALL CLDS ALL QUADS
12	110130Z	23.7N	127.0E	56-P-01	130	100	7550	---	17/11	CIRC 6 MI DIA
13	110700Z	23.7N	125.7E	56-P-02	170	140	7440	914	16/16	SEVERE TURBULENCE NE QUAD
14	111100Z	23.8N	124.3E	LND/RDR	---	---	----	---	-----	-----
15	111300Z	23.8N	123.7E	LND/RDR	---	---	----	---	-----	-----

TYPHOON PAMELA 08-12 SEP 1961
POSITION AND FORECAST VERIFICATION DATA

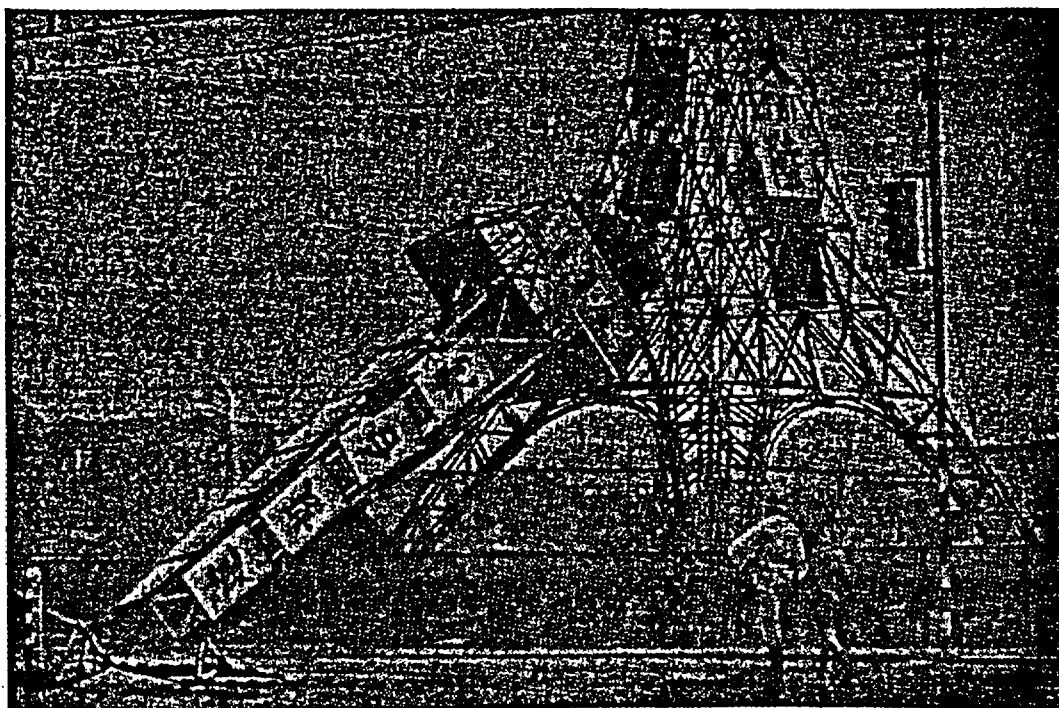
DTG	STORM POSITION		24 HR. ERROR	48 HR. ERROR
	LAT.	LONG.	DEG. DISTANCE	DEG. DISTANCE
081200Z	19.6N	135.7E	-----	-----
081800Z	20.1N	135.4E	-----	-----
090000Z	20.6N	135.2E	-----	-----
090600Z	21.0N	135.0E	-----	-----
091200Z	21.3N	134.7E	-----	-----
091800Z	21.7N	134.3E	-----	-----
100000Z	22.5N	133.3E	-----	-----
100600Z	23.3N	131.9E	133-181	-----
101200Z	23.7N	130.4E	127-246	-----
101800Z	23.8N	128.9E	109-180	-----
110000Z	23.7N	127.4E	065-164	-----
110600Z	23.6N	125.9E	020-198	108-359
111200Z	23.7N	124.1E	011-190	103-376
111800Z	24.1N	122.2E	118-27	090-360
120000Z	24.4N	120.3E	169-31	067-360
120600Z	24.6N	119.0E	137-23	043-444
121200Z	25.3N	117.5E	218-33	029-247
121800Z	26.1N	116.1E	203-52	172-59

AVERAGE 24 HOUR ERROR 120 MI
AVERAGE 48 HOUR ERROR 315 MI





THIS RUBBLE WAS A BUILDING BEFORE PAMELA STRUCK TAIWAN.
SEPTEMBER 1961. (PACIFIC STARS AND STRIPES)



ADVERTISING TOWER SNAPPED OFF IN TAIPER, TAIWAN, BY TYPHOON PAMELA.
SEPTEMBER 1961. (PACIFIC STARS AND STRIPES)